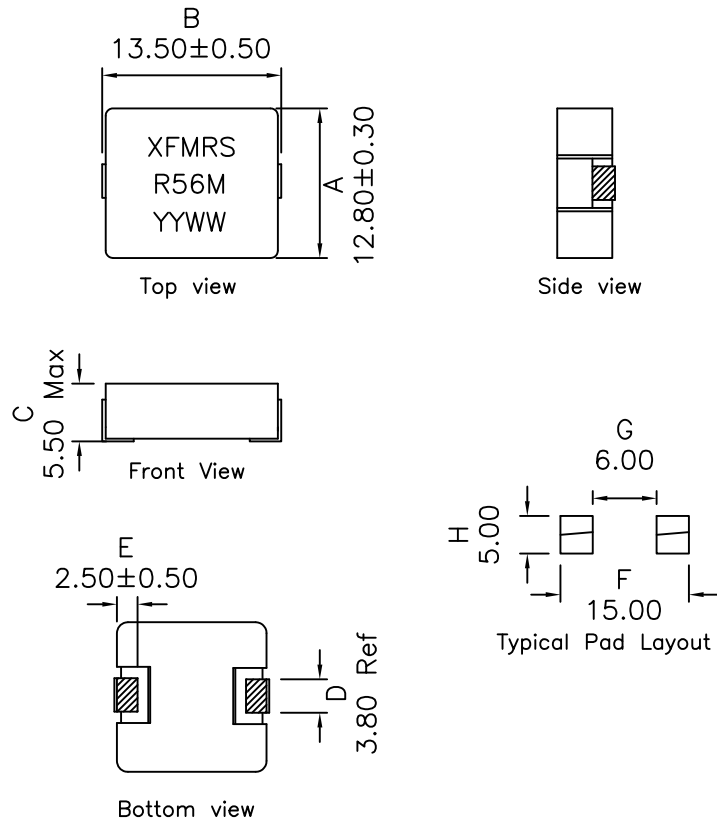
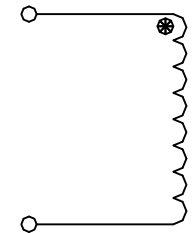


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: $0.56 \mu\text{H} \pm 20\%$ @100KHz, 1.0V

DCR: 1.60 mOhms Max

Irated: 36Adc Typ (Based on 40°C Temp Rise)

Isat: 55Adc Typ (Based on 30% Typ Drop in OCL)

Q: 12 Min @100KHz, 0.25V

SRF: 75MHz Typ

Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- Operating Temperature: -55°C to +125°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: $\pm 0.004'' (0.102\text{mm})$
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Outsourced item processed & controlled under XFMRS QA system

DOC REV: A/4

XFMRS Inc www.XFMRS.com	Title: XFHCL4 SERIES INDUCTORS		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ± 0.25 Dimensions in MM		P/N: XFHCL4-R56M REV. A
SHEET 1 OF 1	DWN.	Huo	May-15-17
	CHK.	YK Liao	May-15-17
	APP.	DDC	May-15-17